



Intellex® RMS

DIGITAL VIDEO MANAGEMENT SYSTEM

Intellex® RMS (RAID Mass Storage) is an intelligent digital video management system that combines multiplexing, alarm/event detection, audio, text, and video recording with enhanced data protection and larger storage options. Intellex RMS will simultaneously a) display live and recorded video along with associated audio and text, b) host multiple remote users, c) archive data, d) search for data and more – all while recording multiple cameras.

The same feature set available in the latest Intellex software is supported with Intellex RMS. Define motion-based event criteria before recording and IntelCord® software records only those events you want to see. Once images and text are recorded, define the type of recorded events you want to find and Smart Search software instantly locates and replays them with digital precision. Type in a text string and Intellex will instantly display the video and time-synchronized text data for review, all while still recording live events.

In addition to the benefits and capabilities of Intellex, Intellex RMS adds RAID 5 fault tolerance, hard drive failure alarms, internal storage capacities up to 1.5 TB, and simple hard drive maintenance. What's more, the rack mount chassis provides for easy installation. The RMS is designed for freestanding and self-supporting enclosures with EIA-310-D standard 19-inch mounting flanges, in front and rear, and a minimum of 24-inch free internal depth.

Intellex RMS is the solution for customers who need a highly reliable digital video management system. Compatible with Network Client™ and all third party applications developed using the Intellex API, Intellex RMS is remotely accessible, networkable, and easy to integrate with other equipment.

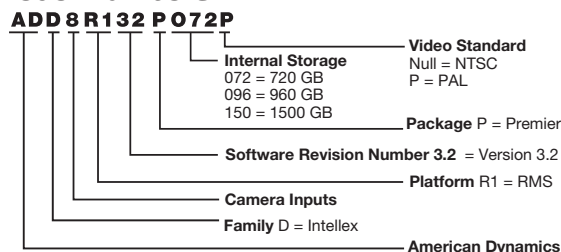


FEATURES

- Built-in RAID 5 configuration for fault tolerance
- Up to 1.5 terabytes of internal mass storage
- Easily accessible and swappable hard drives for reduced service times
- Hard drive failure alarm and email notification
- Supports Intellex Premier software features (see Intellex data sheet)
- Remote access and management with Network Client™ remote management software, included
- Integrate video with other software applications using the Intellex API
- Independent system drive (non-RAID) that separates data storage from operating system and application software
- Eight camera inputs
- Capture up to 120 ips, NTSC (100 ips, PAL)
- Text recording from devices such as cash registers and ATMs (up to eight devices)
- Integrated live and recorded audio
- Internal floppy drive for saving system setups and saving single images
- Internal CD-RW for exporting video, audio, and text
- Windows® 2000 operating system
- Integrated recording and storage unit in a 4U form factor
- Durable rack mount chassis with slide rails for easy installation

SPECIFICATIONS

Model Numbers



ADD8R132P072	720 GB internal storage, NTSC
ADD8R132P072P	720 GB internal storage, PAL
ADD8R132P096	960 GB internal storage, NTSC
ADD8R132P096P	960 GB internal storage, PAL
ADD8R132P150	1500 GB internal storage, NTSC
ADD8R132P150P	1500 GB internal storage, PAL

Operational

Video Recording System

*Internal Media Format	IDE hard drives provide storage capacities of 720 GB, 960 GB, or 1,500 GB RAID 5 configuration
Removable Media Format	CD-RW 5.25-inch half-height IDE connection, one 1.44 MB 3.5-inch half-height diskette
Archiving Format	Optional External DAT drive, DDS-4, SCSI-3 connection; support for SDLT 320
Record Mode	Linear or continuous, selectable
Video Standard	NTSC/EIA (RS-170A compliant) or PAL/CCIR

Image Rate Settings (images per second)

NTSC/EIA	120, 60, 30, 15, 7.5, 2.5 and 1
PAL/CCIR	100, 50, 25, 12.5, 6.25, 2 and 0.8
Resolution	High (640 x 240), recorded Low (320 x 240), recorded 640 x 480 live display, 800 x 600 full screen

Quality/Capacity Settings

Extended Record	Maximum compression
Normal	Medium compression
Super	Minimum compression

Video Sensitivity

Normal	Medium delta threshold
High	Low delta threshold

Gain Control

Reduce gain, normal
Increase gain low (500 ft Cat 5 run)
Increase gain medium (1,000 ft Cat 5 run)
Increase gain high (1,500 ft Cat 5 run)

Alarm Recording

Settings	Image rate, quality and sensitivity can be independently set for alarm conditions
Adjustable Duration	Pre-alarm and post-alarm are programmable from five seconds to five minutes
Schedule	Programmable recording times for each day of the week, in thirty minute increments

Front Panel Controls and Indicators

Front Panel Cover	CD-RW, diskette drive, hard drives, power, LEDs
Discrete LED Indicators	Power, alarm, record
Switches	Power and reset

Setup/Operation Menus

Accessed locally via software interface, or remotely from Network Client v3.1
Camera title, date/time, alarm name, video loss – can be turned on and off in playback mode only

Inputs/Outputs

Video Inputs	Eight non-looping composite, 1 Vp-p, selectable 75 Ω or High-Z, BNC
Alarm Inputs and Outputs	Eight, one per camera, activated by contact closure or TTL/CMOS signal Inputs: programmable polarity Outputs: active high

Analog Output	One composite, 1 Vp-p, 75 Ω
Digital SVGA Monitor	800 x 600 pixel resolution, horizontal 31 to 47 kHz, vertical 50 to 75 Hz
Network Host Interface	TCP/IP Ethernet interface allows network access to video by up to five Network Client v3.1 users

Rear Panel Connectors

Camera Inputs	Eight composite, BNC
Alarm Inputs and Outputs	Screw terminals on a removable interface adapter
Power	One, IEC-320-C13
Keyboard	PS/2-style
Mouse	One, 5-pin DIN connector, PS/2-style with pins 1, 3 and 5 active
Monitor	One, SVGA, DB15-S
Video Output	One composite BNC
TV Output	One S-video (S-video/RCA adapter included)
Printer	One, DB25-S, parallel
USB	Four
Com2	One, RS-232, DB9-P
Network	RJ-45, Cat 3 or Cat 5 twisted-pair Ethernet
Audio	RCA type line or microphone-in, line-out
SCSI-3	One 68-pin female is included with external DAT drive kit

Electrical

Power	100/240 VAC, 50/60 Hz, 2.5/1.0 A
CAUTION:	Set the voltage select switch to the appropriate line voltage before connecting power.

Mechanical

Dimensions (H x W x D)	.7 x 17 x 22.6 in (excluding slides, handles)
Unit Weight	22.7 kg (50 lbs)
Shipping Weight	33.6 kg (74 lbs)
Rack Mount	Fits racks with EIA-310-D standard 19-inch front and rear mounting flanges

Environmental

Operating Temperature	5° to 35° C (41° to 104° F)
Humidity	5% to 95% RH (non-condensing)
Storage Conditions	-10° to 60° C (14° to 140° F)
Maximum Operating Tilt	15°
Operating Altitude	0 to 3,048 m (0 to 10,000 ft)

Regulatory

Emissions	FCC 15b, Class A EN55022 (1998) Class A EN61000-3-2 (1995) EN61000-3-3 (1995)
Immunity	EN50130-4 (1996)
Safety	EN60950 Amendments 1, 2, and 3 UL1950, CUL1950, Third Edition CB Scheme Certified IEC60950:1999

Accessories

ADDSNC32	Network Client v3.2
RDVSPK01	Speakers
RDVEXP01	1 to 4 Text Data Port Expander
RDVDAT01	SCSI External DAT Drive (includes SCSI Interface Card)
RDVUPGSCSI01	SCSI-3 Adapter Card
ADACHDDC120	120 GB Hard Disk Drive with Drive Caddy
ADACHDDC160	160 GB Hard Disk Drive with Drive Caddy
ADACHDDC250	250 GB Hard Disk Drive with Drive Caddy
ADACSNET	USB CCTV Control Module w/CBL

*Approximately 18% of disk capacity is used for system and RAID 5
Note: The use of an uninterruptible power supply (UPS) is highly recommended as standard practice to protect mission-critical computing systems from power fluctuations that may cause loss of data.